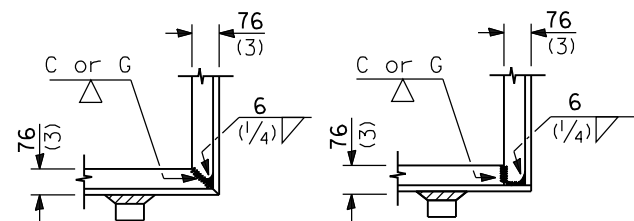
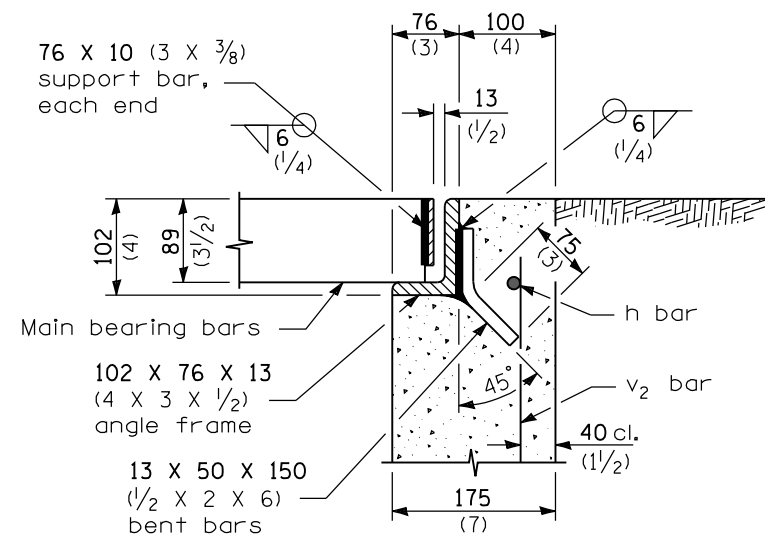


**TYPICAL STEEL GRATING**



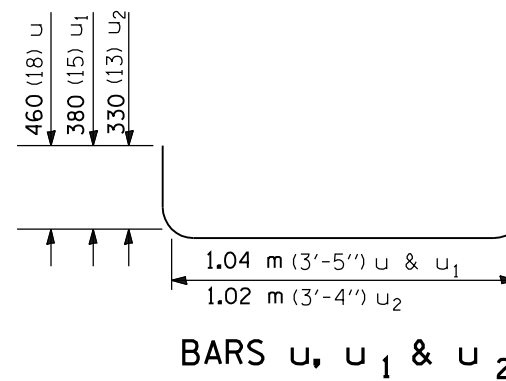
**TYPICAL CORNER of  
STEEL GRATING FRAME**



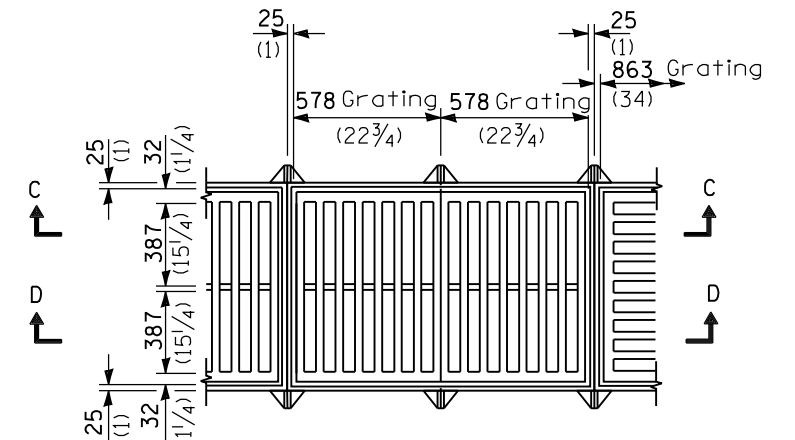
**SECTION B-B**

Material required for one inlet box

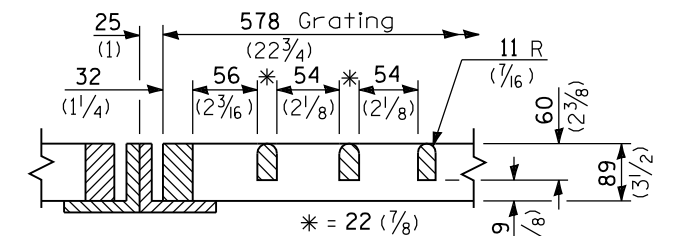
Bar	No.	Size	Length
h	10	No. 13 (No. 4)	6.10 m (20'-0")
u	17	No. 13 (No. 4)	1.96 m (6'-5")
u <sub>1</sub>	6	No. 13 (No. 4)	1.80 m (5'-11")
u <sub>2</sub>	1	No. 13 (No. 4)	1.68 m (5'-6")
v	2	No. 13 (No. 4)	840 (33)
v <sub>1</sub>	6	No. 13 (No. 4)	760 (30)
v <sub>2</sub>	10	No. 13 (No. 4)	610 (24)
v <sub>3</sub>	10	No. 13 (No. 4)	460 (18)
Concrete cast in place or precast		m <sup>3</sup> (cu. yds.)	2.45 (3.2)
Reinf. bars		kg (lbs.)	122 (270)
Grating		m <sup>2</sup> (sq. ft.)	5.20 (56.0)



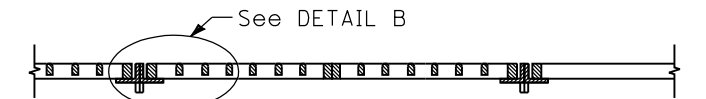
**BARS u, u<sub>1</sub> & u<sub>2</sub>**



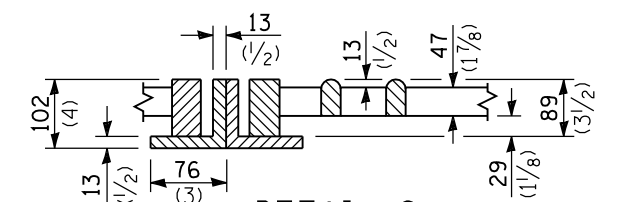
**TYPICAL CAST GRATING**



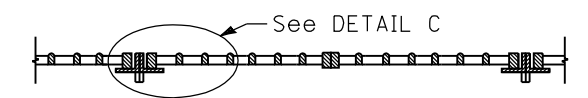
**DETAIL B**



**SECTION C-C**



**DETAIL C**



**SECTION D-D**

All dimensions are in millimeters (inches) unless otherwise shown.

**INLET BOX TYPE G**  
**600 mm (24")**

(Sheet 2 of 2)

**STANDARD 542531-02**